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CENTRAL FAX CENTERAmendments to the Specification:

SEP 08 2005

Please replace the sentence on page 12, lines 13-14, with the following amended:

It suggested that C. utilis BIO2 gene obtained from Example 2 was correct due to the enzyme activity (regardless of protein with incomplete 352294 amino acids or complete 395233 amino acids).

Please amend the sentence starting on p. 14, line 24 as follows:

Besides 23 ng/ml biotin originally biotin originally present in YPD medium, only 8.231.2 ng/ml biotin is produced by the wild type (WT) yeast.

Please amend the Table on p. 15, Table 1 as follows:

	Culture Broth				Cell Extract		
	YPD (ng/ml)	OD <sub>650</sub> nm	OD <sub>550</sub> nm	YPD(CHY) (ng/ml)	YPD (ng/ml)	YPD(CHY) (ng/ml)	incubator
YPD	23						
WT	8.72	2631.2			5.3		
m9-101	9.05	860	8.04	660	66	63	Flask(50ml)
m9-102	8.75	760	2.28	714	86	7.3	Flask(50ml)
m9-103	5.12	920					Tube(3ml)
m9-104	8.40	1010					Tube(3ml)
m9-105	8.90	900					Tube(3ml)
m9-106	6.00	750					Tube(3ml)
m9-107	5.96	460					Tube(3ml)
m21-101	8.44	600	2.56	620	98	6	Flask(50ml)
m21-102	6.28	802	4.72	964	111	13	Flask(50ml)
m21-103	3.60	420					Tube(3ml)
m21-104	8.54	720					Tube(3ml)
m21-105	8.38	430					Tube(3ml)
m21-106	4.86	560					Tube(3ml)